MAGNAVOX

FW 620C Mini Hifi System

Toll Free Help Line
Ligne d'assistance en service libre
Línea de ayuda telefónica sin cargo
800·531·0039

English

MAGNAVOX
Smart.Very smart.

WARRANTY REGISTRATION CARD

Return your Warranty Registration Card today to ensure you receive all the benefits you're entitled.

Once your MAGNAVOX purchase is registered, you're eligible to receive all the privileges of owning a MAGNAVOX product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

■ Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your MAGNAVOX warranty.

■ Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

■ Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

HURRY! Registration Needed Within 10 Days.

MAGNAVOX
Smart.Very smart.

Congratulations on your purchase, and welcome to the "family!"

Dear MAGNAVOX product owner:

Thank you for your confidence in MAGNAVOX. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the MAGNAVOX "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome–and thanks for investing in a MAGNAVOX product.

Sincerely,

Robert Minkhorst
President and Chief Executive Officer

P.S. Remember, to get the most from your MAGNAVOX product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

KNOW THESE SAFETY SYMBOLS.

⚠	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	⚠
CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.		

⚠ This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

⚠ The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

For Customer Use:
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

MAC2563

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure.

The set complies with the FCC-rules, Part 15 and with 21 CFR 1040.10 and 1040.11.

(CDN) Canada

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

SAFETY INSTRUCTIONS – Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Water and Moisture** - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
6. **Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

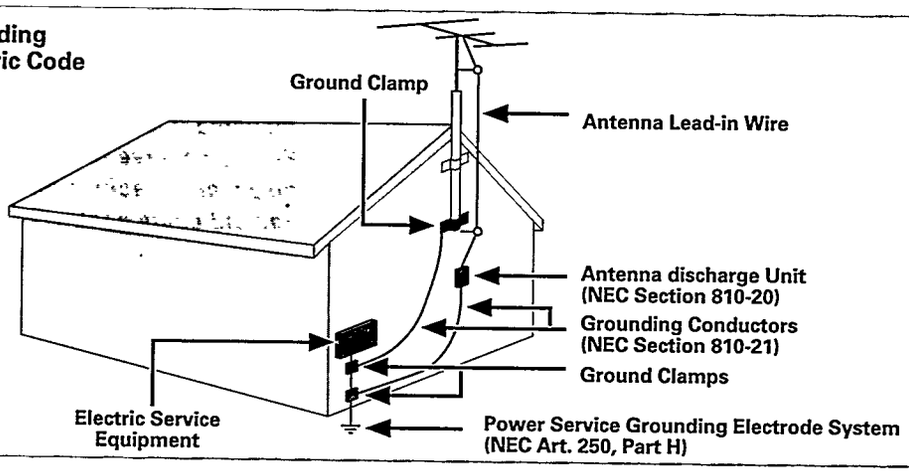
7. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. **Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. **Grounding or Polarization** -
The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
Caution: To prevent electric shock, match the wide blade of this plug to the wide slot, fully insert. Do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

AC Polarized Plug

12. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
14. **Power Lines** - An outdoor antenna should be located away from power lines.
15. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electric Code, ANSI/NFPA Nº 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. below.
16. **Nonuse Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
17. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
18. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    - **A.** The power-supply cord or the plug has been damaged; or
    - **B.** Objects have fallen, or liquid has spilled into the appliance; or
    - **C.** The appliance has been exposed to rain; or
    - **D.** The appliance does not appear to operate normally or exhibits a marked change in performance; or
    - **E.** The appliance has been dropped, or the enclosure damaged.
19. **Servicing** - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Note to the CATV system installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Example of Antenna Grounding as per NEC - National Electric Code


Ground Clamp
Antenna Lead-in Wire
Antenna discharge Unit (NEC Section 810-20)
Grounding Conductors (NEC Section 810-21)
Ground Clamps
Electric Service Equipment
Power Service Grounding Electrode System (NEC Art. 250, Part H)

EL 4562-1

TABLE OF CONTENTS

English

TABLE OF CONTENTS 4
- Supplied accessories
- Demonstration mode
- Environmental information

CONTROLS 5

INSTALLATION 6/7
- Before you start ...
- Connections
- Speaker connections

REMOTE CONTROL 7

BASIC FUNCTIONS 8
- Switching the system on and off/standby
- Adjusting the display illumination
- System display and buttons

SOUND CONTROLS 9

TUNER 10/11
- Tuning to radio stations
- RECORD TAPE ●
- Programming radio stations (preset stations)
- Selecting a preset station

CD CHANGER 12/13
- Inserting the CDs
- Playing a CD
- Selecting another track
- Searching for a passage during CD play
- Selecting another source during CD play
- RECORD TAPE ●
- REPEAT – repeating a track, a CD or all CDs
- SHUFFLE – playing in random order
- Programming track numbers

TAPE DECKS 14/16
- Inserting a tape
- Playing a tape
- Fast forward and reverse
- Play mode
- Dolby B Noise Reduction System
- General information on recording
- Recording from a CD
- EDIT CD – automatic CD track selection
- by specifying the tape length
- Dubbing tapes
- RECORD TAPE ●

CLOCK/TIMER 16/17
- General
- Setting the clock
- Setting the timer for a radio recording
- Setting the timer for playback
- At the preset starting time ...
- Reactivating/deactivating the timer

MAINTENANCE 18

TECHNICAL DATA 18

TROUBLESHOOTING 19

LIMITED WARRANTY 56

Thank you for selecting this Magnavox system

This state-of-the-art mini stereo system offers you the latest technology, high quality sound and an extreme user-friendly operation thanks to its large display which contains advanced interactive user interface.

Supplied accessories

- Two loudspeaker boxes, type LSB 620
- Remote control
- Two batteries (AAA cells) for the remote control
- AC power lead
- AM frame antenna
- Dipole FM wire antenna 300 Ohms

DEMO – demonstration mode

The system has a demo mode, showing various features offered by the system.

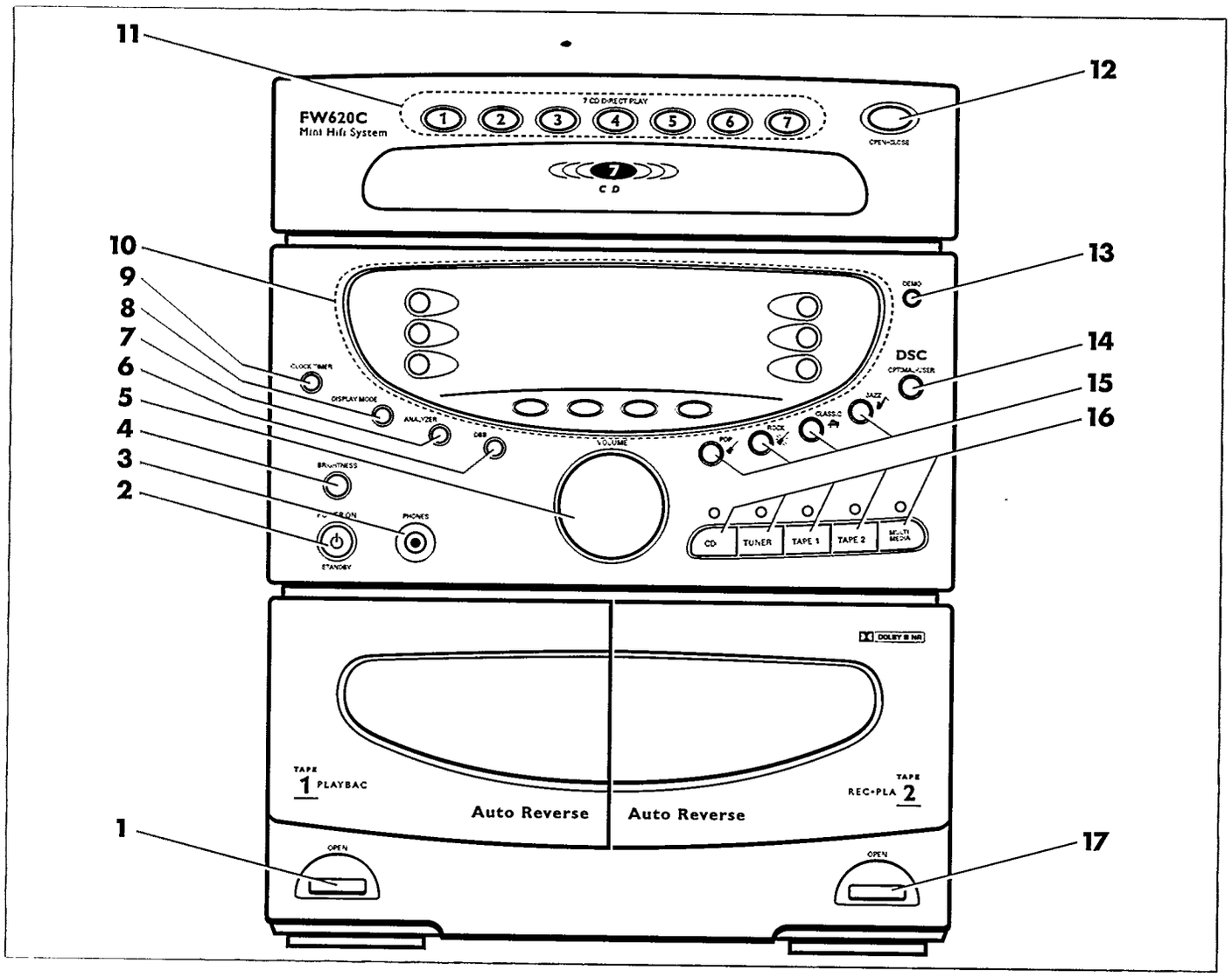
1 To switch on the demonstration mode, press DEMO.
→ The display demonstration starts with the message: "WELCOME TO THE AUDIO WORLD".

2 To leave the demonstration mode, press DEMO or POWER ON/STANDBY.

Environmental information

All unnecessary packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono-materials:
- cardboard (box)
- expandable polystyrene (buffer)
- polyethylene (bags, protective foam sheet)

Note: Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.



Front panel

1 **OPEN** .....to open the cassette compartment of deck 1

2 **POWER ON/STANDBY**
to switch the set on and off

3 **PHONES** .....3.5 mm headphones jack
Inserting the plug will disconnect the speakers.

4 **BRIGHTNESS** ....to adjust the intensity of the display illumination

5 **VOLUME** .....to adjust the volume level

6 **DBB**.....**D**ynamic **B**ass **B**oost: to increase the bass level

7 **ANALYZER** .....to switch the spectrum analyzer on and off

8 **DISPLAY MODE** to change the type of display information for the selected source

9 **CLOCK·TIMER**....to select the clock/timer function

10 **System display and buttons**

11 **1-7**.....to select the desired CD

12 **OPEN·CLOSE** ....to open and close the CD tray

13 **DEMO** .....to switch on and off the demonstration mode

Digital sound control buttons:

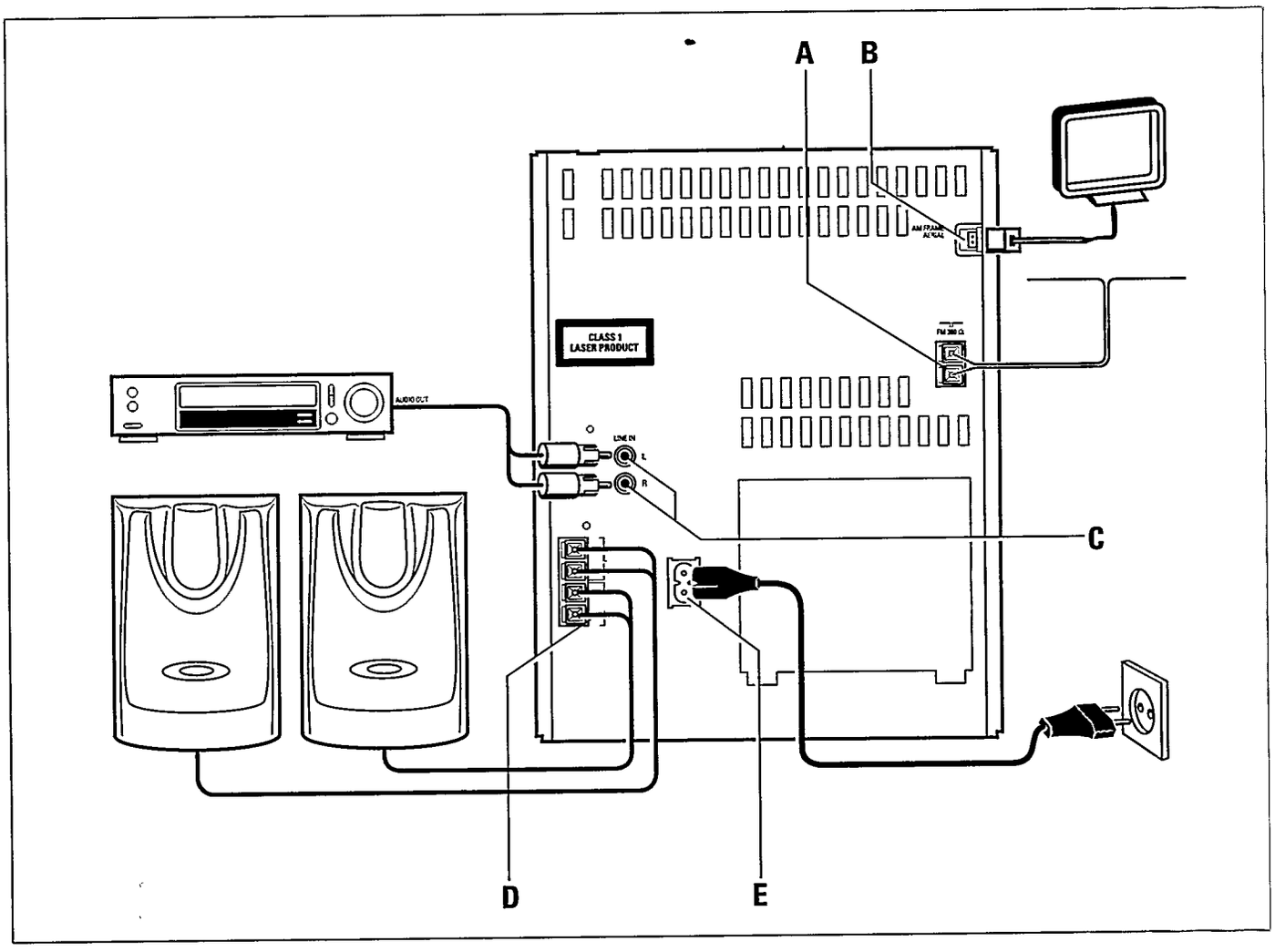
14 **OPTIMAL·USER.Digital sound control/setting button**
to select the desired equalizer setting:
OPTIMAL→USER 1→USER 2→OPTIMAL→...

15 **POP - ROCK - CLASSIC - JAZZ**
to adjust the sound to your individual taste

16 **Sound source selection buttons**
CD.....to select the CD changer
TUNER.....to select the tuner
TAPE 1 .....to select the left tape deck
TAPE 2.....to select the right tape deck
MULTIMEDIA ....to select the multimedia mode (external sources, e.g. TV sound)

17 **OPEN** .....to open the cassette compartment of deck 2

English



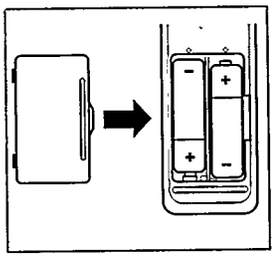
Before you start ...

- After unpacking the system, remove all protective material.
- ***Before connecting the system to the power***, first check to see if the power voltage as shown on the type plate corresponds to your local power voltage. If it does not, consult your dealer or service organization.
  If your set is equipped with a voltage selector, set this selector to the local power voltage.

  The typeplate is located at the rear of the system.
- Place the system on a hard surface.
- Do not cover the vents and make sure that you leave sufficient room around the unit for ventilation.

Remote control:

- Open the battery compartment and insert the batteries supplied (type R03, UM-4 or AAA) as indicated.
- Remove the batteries if exhausted or if they will not be used again for a long period of time.



Connections

A **FM 300 Ω** – Jack for a FM antenna, 300 Ohms.
Connect the supplied antenna wire with this jack. Find a position for best reception. Then mount the antenna to the wall or a window in a T-shape. Keep the dipole antenna away from the system to avoid unwanted noise.
For good FM stereo reception, use an FM outdoor antenna or a connection to your house distribution system.

B **AM FRAME AERIAL** – Connector for the supplied AM frame antenna. Connect the plug of the AM frame antenna to this jack and position the frame antenna for optimum reception. Do not place the frame antenna too close to the units, the wires or the boxes, as this may cause unwanted noise.

C **LINE IN** – Input jacks (Left/Right) for connecting other sound sources (e.g. VCR, TV audio output etc.).

D Terminals for two speakers with an impedance of at least 6 ohms (see SPEAKER CONNECTIONS).

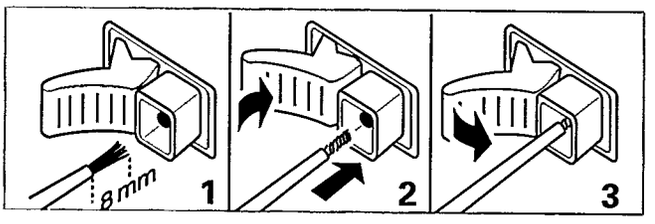
E **MAINS** – Power jack. After all other connections have been made, connect the AC power cord to the MAINS jack and the wall jack.

Speaker connections

One of the two wires of a speaker cable is marked, e.g. with a color or rib.

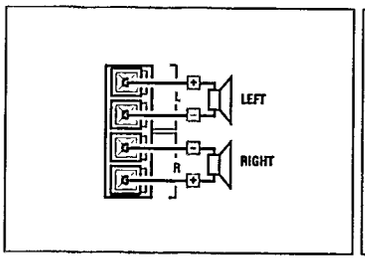
1 The marked wire should be connected to the red terminal and the unmarked one to the black terminal.

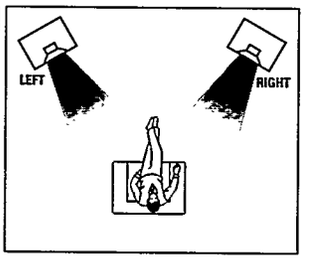
2 Make sure that the color combination of wire and terminal is the same for each speaker.



Positioning of the speakers

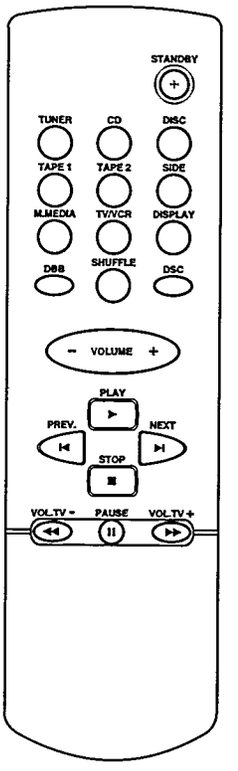
- You will find the best speaker position by experimenting.
  Placing the speakers on the floor will increase the bass response.
  Placing the speakers behind curtains, furniture etc. will reduce treble response and the stereo effect.
  You will obtain the ideal position when the two front speakers and the listening position build an equilateral triangle and the speakers are at ear level.





Remote control functions

- Always first select the desired sound source and then press the required function button (for example CD + PLAY ▶ or TAPE + PLAY ▶.



Notes:
- The remote control remains tuned to the selected sound source until another sound source button on the remote control is pressed.

- The corresponding LED indicator above the sound source buttons on the system flashes when its source is operated by the remote control.

- You can only control TV/VCR if this unit uses the RC-5 remote control system.

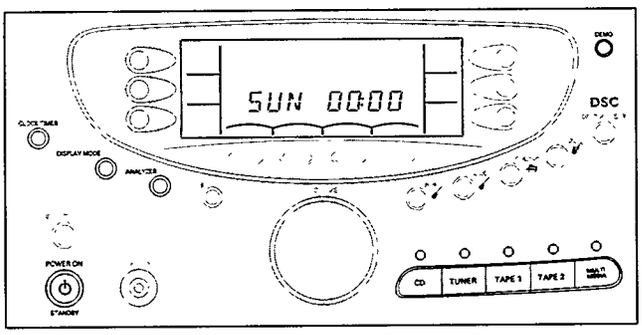
- Pressing TV/VCR will first switch on the TV set and after one second the whole audio set.
If TV/VCR is selected, the STANDBY button will first switch the TV set to standby and after one second the whole set.

- Pressing TV/VCR for more than one seconds will select the external source that is connected via the LINE IN jacks.

STANDBY .....to switch the system to the standby mode
TUNER - CD - TAPE 1 - TAPE 2 - M.MEDIA - TV/VCR
sound source selection buttons
DISC .....***CD:*** to select a CD (1-7) - *only applicable for version with CD changer*
SIDE.....***TAPE 1 or 2:*** to select the front or back side of the tape (FRONT/BACK)
DISPLAY .....to change the type of display information for the selected source
DBB.....to increase the bass level
SHUFFLE.....***CD:*** to to switch on/off the shuffle feature
DSC.....to select the desired sound setting:
POP→ROCK→CLASSIC→JAZZ→
OPTIMAL→USER 1→USER 2→POP→...
VOLUME −+ .....to adjust the volume level of the audio system
PLAY ▶.....***CD, TAPE 1 or 2, VCR:*** to start playback
⏮ PREV./NEXT ⏭....***TUNER:*** to select a radio preset station
CD: to select the beginning of the current/ previous or a subsequent track
TV: to select a TV preset station
STOP ■ .....***CD, TAPE 1 or 2, VCR:*** to stop playback
◀◀ ▶▶ .....***TUNER:*** to tune to a radio station
CD: to search a particular passage
TAPE 1 or 2, VCR: to fast forward or to reverse the tape
TV: to adjust the volume
PAUSE II .....***CD, TAPE 1 or 2, VCR:*** to temporary interrupt playback

English

Switching on and off/standby



- ***To switch on the unit***, press POWER ON/STANDBY on the unit or any sound source button on the unit or on the remote control.
  → The display illumination comes up with full intensity. The selected sound source is indicated on the display and the belonging LED indicator above the sound source button lights up.

- ***To switch off the unit***, press POWER ON/STANDBY on the unit or on the remote control.
  → The system is in standby mode. The display illumination is half dimmed and the display shows the day and time.

- ***To switch off the power supply***, remove the power plug from the wall jack.

Notes:
- You can also switch on the set by pressing DISPLAY MODE, ANALYZER, CLOCK-TIMER, or DEMO.

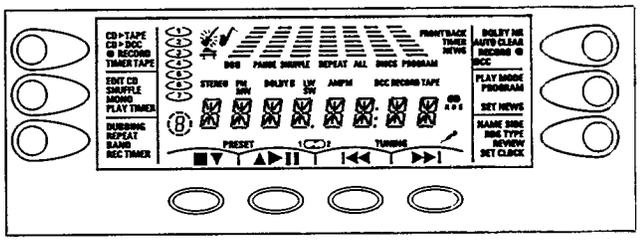
- The clock memory will be maintained for only ten minutes after the power supply is switched off.

Adjusting the display illumination

- You can change the intensity of the display illumination by pressing BRIGHTNESS.
  → When the system is switched on, the illumination switches from FULL INTENSITY→HALF INTENSITY→DIMMED→FULL ...
  → In standby mode, the illumination switches from HALF INTENSITY→DIMMED→HALF ... When the display is dimmed, the power input is reduced to about one Watt.

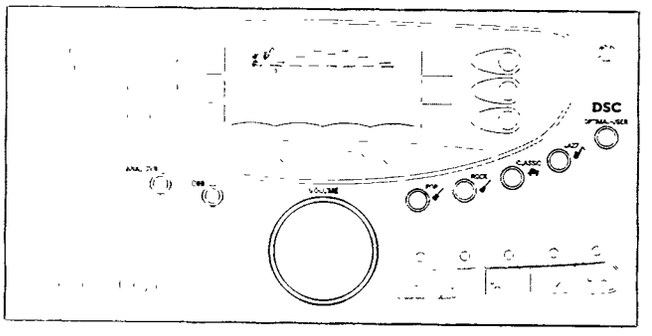
Note: When switching on the system, the display always comes on with full intensity.

System display and buttons



When you select a sound source or the clock/timer mode, the functions available for the chosen source or the clock/timer mode light up in the display.

By using the ten buttons around the display field, you can select the desired function. These functions are explained in the appropriate chapters in detail.



ANALYZER – Spectrum Analyzer

The graph bars in the center of the display show the sound levels. The spectrum analyzer shows continuously the actual frequency distribution of the current sound.

- By pressing the ANALYZER button, the spectrum analyzer bars are either hidden or shown.

→ The display shows either
ANALYZER OFF or ANALYZER ON.

Note: When switching on the system, the spectrum analyzer is always switched on.

DBB – Dynamic Bass Boost

- The bass response can be enhanced in 3 steps: every time you press the DBB button, the bass is enhanced even stronger or the DBB feature is switched off.
→ The display shows the selected DBB level:
DBB 1→DBB 2→DBB 3→DBB OFF→DBB 1→...

POP / ROCK / CLASSIC / JAZZ

- Press POP, ROCK, CLASSIC or JAZZ (or DSC on the remote control) to enhance the type of music you are listening to.
→ In the display the belonging icon lights up.
A realistic atmosphere for the selected style of music is created.

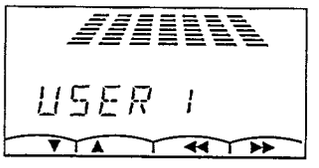
Switchable "OPTIMAL-USER" sound presets

- By repeatedly pressing OPTIMAL-USER, the display shows the different equalizer settings:
OPTIMAL→USER 1→USER 2→OPTIMAL→...

OPTIMAL: This equalizer setting is specially tuned to the acoustics of the supplied LSB 620 speakers.
USER 1 / USER 2: Here you have the possibility to set your individual sound or to listen to your own equalizer setting.

USER 1 / USER 2
Setting the equalizer

1 Press OPTIMAL-USER several times until the display shows USER 1 or USER 2.
→ The display function buttons light up and flash for seven seconds.



2 Use the display buttons ▼ ▲ and ◀◀ ▶▶ to adjust
-bass (left two bars),
-middle tones (middle three bars) and
-treble (right two bars).
→ The graph bars change according to your settings.
→ If no button is pressed for 90 seconds, the sound setting mode is left automatically and the last changes are stored in the memory.

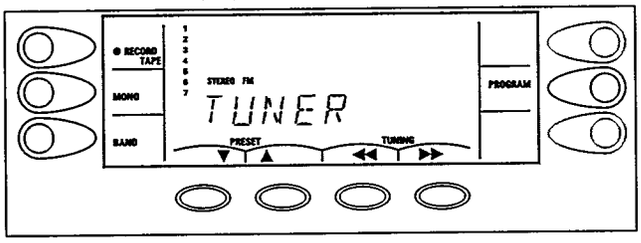
3 You can also leave the sound setting mode by pressing OPTIMAL-USER again.
→ The new sound setting is stored.

Note: From the moment the buttons ▼ ▲ and ◀◀ ▶▶ light up, you have got seven seconds to start adjusting the sound. If non of these buttons are pressed within seven seconds, the sound setting mode is left again.

English

Tuning to radio stations

1 Press TUNER on the unit or on the remote control.
→ First TUNER appears on the display and after a few seconds it will show the current frequency.
The available display button functions light up:



2 Select the desired waveband by repeatedly pressing BAND.

3 Hold down TUNING ◀◀ or ▶▶ (◀◀ or ▶▶ on the remote control) until you approach the required frequency.
→ As long as the button is pressed, the digits on the display change according to the frequency.
→ As soon as you release the button, SEARCH appears on the display and the tuner searches the next station of sufficient strength. If the frequency has already been stored, the preset number is also displayed.

4 Press MONO to switch over to mono reception if there is interference noise caused by poor FM stereo reception.
→ Briefly MONO is displayed and the icon STEREO disappears.
→ When you switch back to stereo reception, the display will briefly show STEREO.

5 Repeat this procedure until you find the desired station.

Note: If you briefly press TUNING ◀◀ or ▶▶ (◀◀ or ▶▶ on the remote control), the frequency changes step by step.

RECORD TAPE ●

1 As soon as you press RECORD TAPE ●, the current sound will be recorded on TAPE 2, provided a tape suitable for recording is loaded.

2 To stop recording, press ■ (or STOP ■ on the remote control).

Programming radio stations (preset stations)

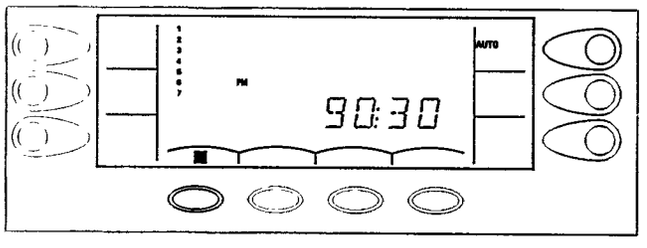
Automatic programming
30 radio stations can be stored automatically in the memory. This function will clear the old preset numbers. If less than 30 radio stations are found, the remaining preset numbers will not be changed.

1 Press TUNER on the unit or on the remote control.

2 Press PROGRAM to enter the programming mode.

3 Select the waveband by repeatedly pressing BAND.

4 Press AUTO to start the automatic programming.
→ The available display button functions light up and AUTO starts flashing:



→ The tuner automatically tunes to stations in the selected waveband. If less than 30 stations of sufficient strength are found, the tuner will stop.
→ The last newly stored preset number is automatically tuned in.

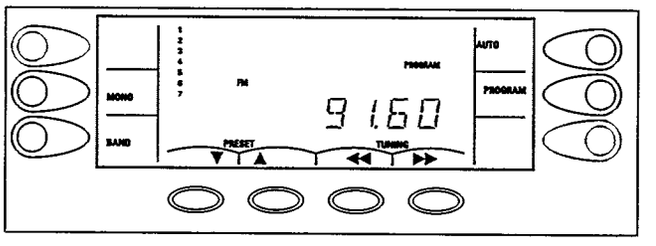
• To stop the automatic programming, press AUTO or ■.

Note: If you want to maintain some old presets, for example preset 1-9, select preset 10 ***before starting automatic programming:*** *now only the presets 10 up to 30 will be programmed.*

Manual programming
You can store up till 30 radio stations in the memory.

1 Press TUNER on the unit or on the remote control.

2 Press PROGRAM to enter the programming mode.
→ The available display button functions light up and PROGRAM starts flashing:



3 Select the desired waveband by repeatedly pressing BAND.

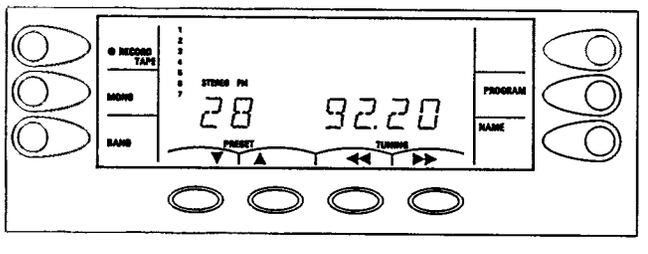
4 Tune to the station to be programmed with TUNING ◀◀ or ▶▶ (or ◀◀ or ▶▶ on the remote control), as described earlier.

5 If desired, switch over to FM mono reception by pressing MONO.

6 Press PRESET ▲ or ▼ to allocate a number from 1 to 30 to the preset station (on the remote control use the buttons |◀ or ▶| or 0-9).

7 Press PROGRAM to confirm the setting.
→ The frequency, preset number and stereo setting are now entered in the memory.

Selecting a preset station

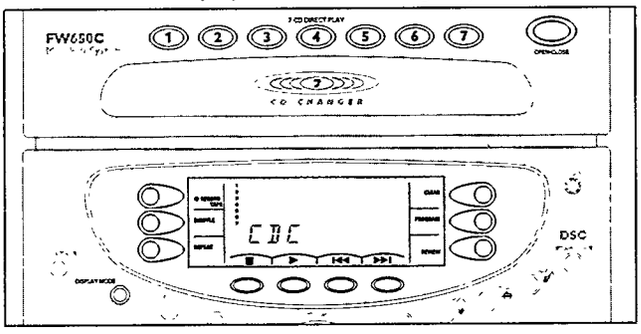


• Press PRESET ▲ or ▼ until the desired preset number appears on the display (on the remote control use the buttons |◀ or ▶| or 0-9).

English

Inserting the CDs

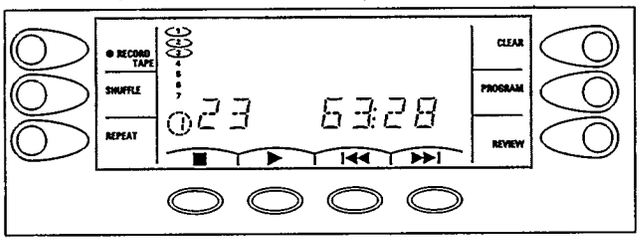
1 Press CD on the unit or on the remote control.
→ CDC appears briefly on the display. If there is no CD in the CD tray, the display will show NO DISC.
The available display button functions light up:



2 Press OPEN·CLOSE on the unit to open the CD tray.
→ The display shows OPEN.

3 Insert a CD, printed side up.

4 Close the tray by pressing OPEN·CLOSE.
→ The display shows READING and thereafter the total number of tracks and the total playing time. An oval around the tray number (1-7) indicates when a tray is loaded.



5 To load another CD, press the desired digit button 1 - 7 (or DISC on the remote control).
→ The CD tray opens automatically when there is no CD inserted.

Notes: - Do not load more than one CD into the same tray.
- The tray will also close if you press ▶ , any digit button 1 - 7, or SHUFFLE or gently push against the CD tray.

Playing a CD

1 Press ▶ (or PLAY ▶ on the remote control) to start playback of the entire CD.
→ Playback starts with the first track of the selected CD. The display shows the current track number and its elapsed playing time. The playing CD is indicated by a rotating red circle.
→ When all the tracks of all CDs have been played, the CD player stops and the total number of tracks and total playing time of the last played CD are shown on the display.

2 To stop CD play, press ■ (or STOP ■ on the remote control)

- If you want to select the CD to start playback with, press the desired digit button 1 - 7 (or DISC on the remote control).
→ Playback starts automatically if the selected tray is loaded.

- You can interrupt CD play by pressing ❚❚ on the unit (or PAUSE ❚❚ on the remote control). Continue CD play by pressing ▶ (or PLAY ▶ on the remote control).

- During play, the display normally shows the elapsed playing time of the track currently played. You can change the type of the time information, by repeatedly pressing DISPLAY MODE on the unit:
→ The display shows in turn: REMAINING TIME OF CURRENT TRACK→ REMAINING TIME OF CD→ELAPSED TIME OF CURRENT TRACK→...

Notes:
- You can also start CD play by selecting a track with the buttons 0-9 on the remote control.
- CD play also stops if you press OPEN·CLOSE or select another sound source.
- The system will switch off automatically, if no button is pressed for more than 15 minutes after CD play has finished.

Selecting another track

- Briefly press ⏮ or ⏭ once/several times to skip to the beginning of the current/previous or subsequent track (on the remote control use the buttons ⏮ or ⏭ or 0-9).
→ The display shows the selected track number.
→ During play: CD play continues automatically with the selected track.
→ In the stop position: press ▶ to start CD play.

Searching for a passage during CD play

1 Hold down ⏮ or ⏭ (or ◀◀ or ▶▶ on the remote control) to find a particular passage in the forward or backward direction.
→ The volume is automatically reduced to a low level.
2 Release the button when you have reached the desired passage.

Note: In the shuffle mode and when playing a program, searching is only possible within the playing track.

Selecting another source during CD play

- You can select another sound source during CD play. If you select the CD source again, the CD player will return to the original mode: PLAY, SHUFFLE, REPEAT or PROGRAM.
→ CD play will resume at the position where it was interrupted.

Note: CD play cannot be resumed if the unit has been switched to standby in the meantime.

RECORD TAPE ●

1 As soon as you press RECORD TAPE ●, the current CD-sound will be recorded on TAPE 2, provided a tape suitable for recording is loaded.

2 To stop recording and CD play, press ■ (or STOP ■ on the remote control). If you only want to stop recording, press TAPE 2 first, and then press ■.

REPEAT – repeating a track, a CD or all CDs

1 Press REPEAT on the unit several times until the desired option is displayed:
REPEAT: The current track is played repeatedly.
REPEAT ALL: The entire CD (or program) is played repeatedly.
REPEAT ALL DISCS: All loaded CDs are played repeatedly.

→ During play: The selected repeating mode is automatically executed.
→ In the stop position: press ▶ to start CD play.

2 To return to normal CD play, press REPEAT until all related indications (REPEAT ALL DISCS) disappear from the display.

SHUFFLE – playing in random order

1 Press SHUFFLE on the unit (or on the remote control) several times until the desired option is displayed:
SHUFFLE: All tracks of the current CD are played in random order.
SHUFFLE ALL DISCS: All tracks of all loaded CDs are played in random order.

→ The selected shuffle mode is automatically executed.

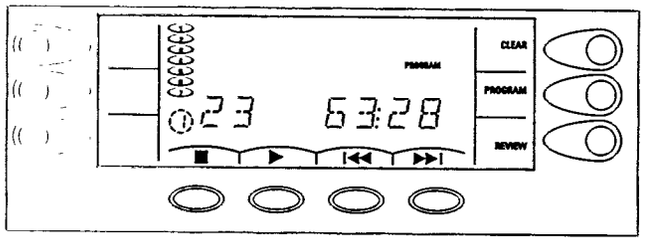
2 To return to normal CD play, press SHUFFLE on the unit (or on the remote control).

Note: You can combine some of the REPEAT and SHUFFLE features at the same time and for example repeatedly play the entire CD or program in random order (SHUFFLE REPEAT ALL).

Programming track numbers

You may select a number of tracks and store these in the memory in the desired sequence. You may store any track more than once. At most, 40 tracks can be stored in the memory. The display will show the message FULL, if you exceed the maximum of 40 tracks.

1 Press PROGRAM to enter the CD programming mode.
→ The available display button functions light up and PROGRAM starts flashing:



2 Select the desired CD by pressing the appropriate digit button 1 - 7 (or DISC on the remote control).

3 Select the desired track by pressing with ⏮ or ⏭ (or |◀ or ▶| or 0-9 on the remote control).

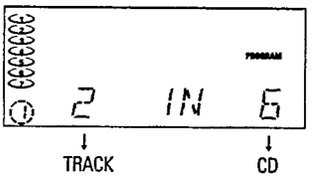
4 As soon as the desired track is displayed, press PROGRAM to store the track.
→ The display shows the total number of stored tracks, followed by the just stored track number. PROG behind the track number indicates, this track number is stored.

5 Select and store in this way all desired tracks.

6 Quit the CD programming mode by pressing ■ (or STOP ■ on the remote control) or
immediately start playback of the program by pressing ▶ or SHUFFLE (or PLAY ▶ or SHUFFLE on the remote control).

Reviewing your settings

• You can review your settings by pressing REVIEW.
→ The display shows in sequence all stored track numbers and the corresponding CD.
During CD play only the tracks that still have to be played are shown on the display.



Note: If you press REVIEW when no program is available, the message NO PROGRAM will appear on the display.

Clearing the entire program (in the stop position)

• Press CLEAR to clear the program.
→ On the display PROGRAM CLEARED briefly lights up and the flag PROGRAM disappears.

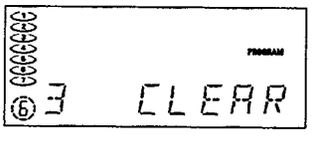
Note: The program will also be cleared if you interrupt the power supply.

Clearing a track from a program

1 Press PROGRAM to enter the CD programming mode.

2 Select the track to be cleared by pressing ⏮ or ⏭ (⏮ or ⏭ on the remote control).

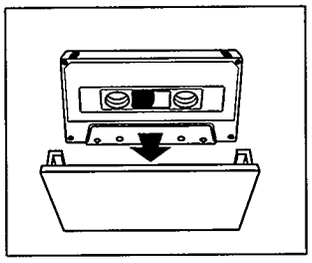
3 As soon as the number you wish to clear is displayed, press CLEAR.
→ The cleared track number and CLEAR appear briefly.



Notes:
- You will clear all tracks of one specific CD by opening the CD tray when this CD is loaded.
- You can also clear one particular track number during the program review: the currently displayed track number will be cleared when you press CLEAR.

English

Inserting a tape

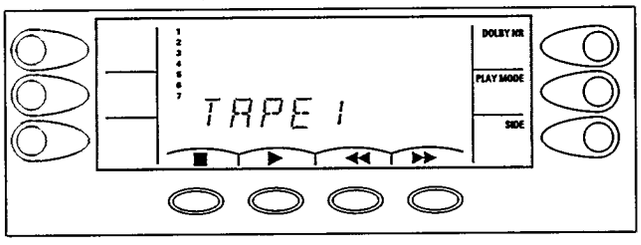


1 Press OPEN to open the cassette compartment.

2 Insert the tape with the open side down.
→ The display shows 000.
→ The deck detects the presence of a tape in the cassette compartment and automatically selects the tape type (NORMAL or CrO_2).

Playing a tape

1 Press TAPE 1 or TAPE 2 on the unit or on the remote control.
→ Briefly TAPE 1 or TAPE 2 appears on the display.
The available display button functions light up:

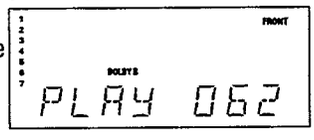


2 Insert a recorded tape with the open side down.

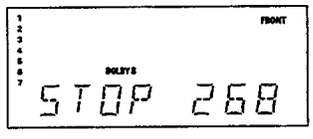
3 Select the tape side by pressing SIDE on the unit (or on the remote control) several times until the desired indicator lights up:
→ FRONT: the visible side will be played.
BACK: the invisible backside will be played.
→ The tape counter is set to 000.

4 If desired, switch on the Dolby NR system by pressing DOLBY NR.

5 Press ▶ (or PLAY ▶ on the remote control) to start playback.
→ The display shows the tape counter.



6 Press ■ (or STOP ■ on the remote control) if you want to stop playback before the end of the tape.



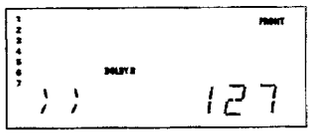
Notes:
- You can set the tape counter to 000 by pressing SIDE twice.

- If no button is pressed for more than 15 minutes after playback has finished, the system automatically switches off.

Fast forward and reverse

During playback

1 Hold down ◀◀ or ▶▶ (or ◀◀ or ▶▶ on the remote control) to find a particular passage in the forward or backward direction.



→ The volume is automatically reduced to a low level.

2 Release the button when you have reached the desired passage.

In the stop position

1 Briefly press ◀◀ or ▶▶ (or ◀◀ or ▶▶ on the remote control).
2 Stop forwarding/reversing by pressing ■ (or STOP ■ on the remote control).

Play mode

- You can select the playback mode by pressing PLAY MODE several times until the desired indicator lights up:

  ⇉ to play (record) one side. At the end of the first side the recorder stops.
  ⇉⇇ to play (record) both sides once. At the end of the first side, the tape direction is reversed and the recorder stops at the end of the second side.
  ⇄ for non-stop playback. The deck reverses the tape direction (up to ten times) whenever reaching the end of the tape side. To stop, press ■.
  1⇄2 for non-stop playback on both decks: The deck reverses the tape direction (up to ten times on each deck) when reaching the end of the tape side. Playback of both tape sides rotates between deck 1 and deck 2. To stop, press ■.

Note: For a recording only the play modes ⇉ and ⇉⇇ are available.

Dolby B Noise Reduction System

The Dolby B NR System is manufactured under license from Dolby Laboratories Licensing Corporation. The word Dolby and the ⧈ symbol are trademarks of Dolby Laboratories Licensing Corporation.

- Switch the Dolby B NR on and off with the DOLBY NR button.

Notes:
- A tape recorded with the Dolby B NR system should also be played in the Dolby B NR mode. If you forget to operate the DOLBY NR button, the treble may be reproduced too strongly or too faintly.

- Dolby NR button has no influence during dubbing (copying from TAPE 1 to TAPE 2). An original tape recorded with Dolby B NR automatically produces a copy with Dolby B NR.

General information on recording

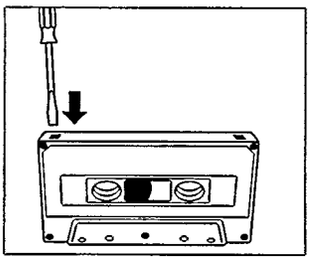
– Recording is permissible insofar as copyright or other rights of third parties are not infringed.

– At the very beginning and end of the tape, no recording will take place during the first seven seconds when the leader tape passes the recorder heads.

– When a recording is active, most functions are disabled. RECORDING ACTIVE will appear on the display when a wrong button is pressed.

– In general, the recording level is set automatically. The recording is not affected by the controls VOLUME, DBB, POP, ROCK, CLASSIC, JAZZ and OPTIMAL-USER.

Protecting tapes against accidental erasure

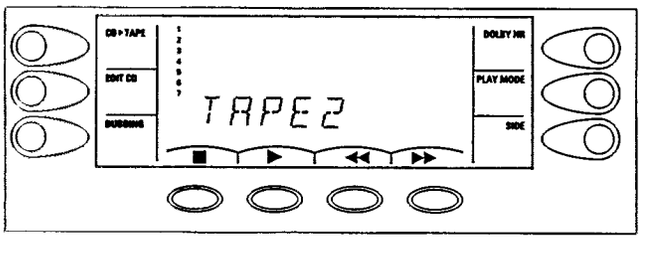


- Keep the tape side to be safeguarded in front of you and break out the left tab. Now, recording on this side is no longer possible.
- To record on this tape side again, cover the hole with a piece of adhesive tape.

Recording from a CD

1 Insert a CD and, if desired, program track numbers.

2 Press TAPE 2 on the unit or on the remote control.
→ The available display button functions light up:



3 Insert a blank tape into TAPE 2.

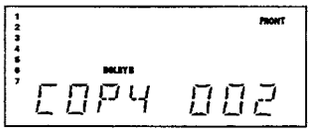
4 Select the tape side by pressing SIDE: FRONT or BACK.

5 Select the play mode by pressing PLAY MODE until the desired indicator lights up: ⇉ or ⇄.

6 If desired, switch on the Dolby NR system by pressing DOLBY NR.

7 If you want to make a "EDIT CD recording", follow from here the instructions for EDIT CD.

8 Start the recording by pressing CD ►TAPE.
→ The display shows COPY.



With a delay of seven seconds (leader tape of the tape), playing of the CD or program starts automatically.
At the end of the first side, recording stops somewhere within the running track.
→ When ⇄ is selected, the tape direction is reversed and recording continues with the beginning of the incompletely recorded track.
→ Recording will stop when it's finished according to the chosen play mode or when the CD player reaches the end of the CD or the program.

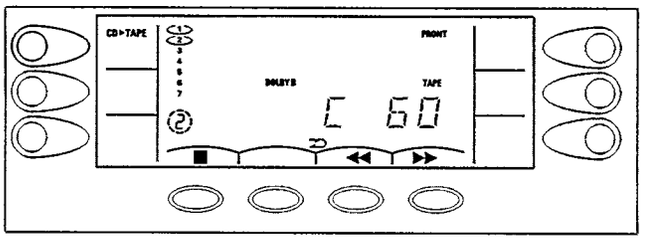
- Press ■ (or STOP ■ on the remote control) to stop the recording at an earlier stage.

EDIT CD – automatic CD track selection by specifying the tape length

To prevent that at the end of the tape the recording is interrupted somewhere within a track, you can use the EDIT CD feature. However, it can only be used for CDs with a maximum of 30 tracks.

The unit automatically selects the total number of tracks that will fit onto each tape side.
The original order of tracks will not be changed.

1 Press EDIT CD.
→ SELECT TAPE LENGTH and C60 appear on the display.



2 Press ◄◄ or ►► until the desired tape length appears on the display (on the remote control use the buttons ⏮ or ⏭.
→ The display shows in turn:
C60→C90→C 100→C 120→C30→C45→C60→...

3 Start the recording by pressing CD ►TAPE.
→ With a delay of seven seconds (leader tape of the tape), playing of the CD or program starts automatically.
→ Recording will stop when it's finished according to the chosen play mode or when the CD player reaches the end of the CD or the program.

- Press ■ (or STOP ■ on the remote control) to stop the recording at an earlier stage.

- You can change the type of the CD time information, by repeatedly pressing DISPLAY MODE on the unit:
→ The display shows in turn: REMAINING TIME OF CURRENT TRACK→ REMAINING TIME OF CURRENT TAPE SIDE→ELAPSED TIME OF CURRENT TRACK→...

English

Dubbing tapes (copying from TAPE 1 to TAPE 2)

1 Insert a recorded tape into deck 1 and a blank tape into deck 2.

2 Press TAPE 1 and prepare the deck for the recording:
- Select the tape side by pressing SIDE: FRONT or BACK.
- Select the play mode by pressing PLAY MODE until the desired indicator lights up: ⇉ or ⇉.

3 Press TAPE 2 and select the tape side by pressing SIDE: FRONT or BACK.

4 Press DUBBING and thereafter select the dubbing speed by pressing ◀◀ or ▶▶.
→ The display shows NORMAL (normal speed) or FAST (high speed). During high-speed dubbing, the sound is reduced to a low volume.

5 Start recording by pressing DUBBING.
→ Both decks start running and either NORM 000 (normal speed dubbing) or FAST 000 (fast speed dubbing) appears.
→ Recording will stop when one or both sides of the tape are full (depending on the chosen play mode).

- Press ■ (or STOP ■ on the remote control) to stop the recording at an earlier stage.

Notes:
-PRESS STOP FIRST will light up if you press SIDE: you cannot reverse the playback direction during dubbing.

- During dubbing you can listen to any other sound source.

RECORD TAPE ●

1 As soon as you press RECORD TAPE ●, the current sound (CD, TUNER, TAPE 1 or MULTIMEDIA) will be recorded on TAPE 2.

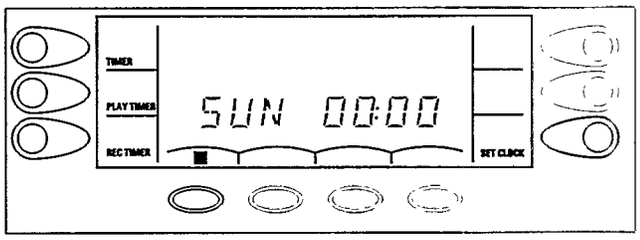
Erase an old tape by recording a silence:
Select CD without starting CD play and press RECORD TAPE ●.

2 To stop recording, press ■.

General

The display shows the weekday and the time. The clock display will flash and has to be set
- when you first plug the unit into the power, or
- if the power supply was interrupted for longer than ten minutes.

- Press CLOCK-TIMER to enter the clock/timer mode.
→ The clock/timer display with its available display button functions appears:



- To leave the timer display, press ■, CLOCK-TIMER, POWER ON/STANDBY or any sound source selection button.

Notes:
- The clock and the timer cannot be set with the remote control.

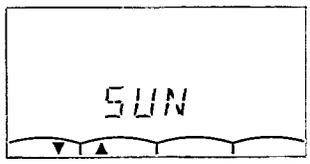
- If no button is pressed for more than 90 seconds, the clock setting mode is left automatically without storing the last changes.

Setting the clock

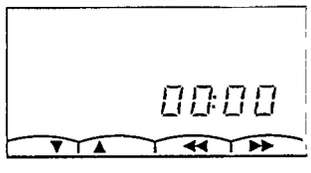
1 Press CLOCK-TIMER to enter the clock/timer mode.
→ The clock/timer display as shown above appears.

2 Press SET CLOCK to enter the clock setting mode.
→ The function indicator SET CLOCK starts flashing.

3 Select the day by pressing ▲ or ▼ until the correct day is indicated.



4 Confirm the day by pressing SET CLOCK.
→ The hour and the minute digits appear.



5 Adjust the hours by using ▲▼ and the minutes by using ◀◀ ▶▶.
→ When pressing the buttons briefly, the digits will change step-by-step. By pressing longer, the running speed will increase after a few seconds.

6 Press SET CLOCK to store the setting and to leave the clock setting mode.
→ The clock starts running.

Setting the timer for a radio recording

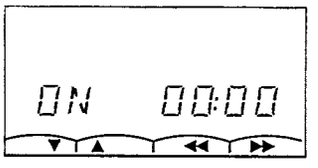
1 Insert a tape into TAPE 2.

2 Press CLOCK·TIMER to enter the clock/timer mode.
→ The clock/timer display appears.

3 Press REC TIMER to enter the timer setting mode.
→ The function indicator REC TIMER starts flashing and a radio preset appears.

4 Press ▲ or ▼ until the desired preset station is indicated.

5 Confirm the preset station by pressing REC TIMER.
→ The message ON and the time appear.
The ***recording start time*** must be entered.



6 Adjust the hours and the minutes by using ▲▼ and ◀◀ ▶▶.

7 Confirm the start time by pressing REC TIMER.
→ The message OFF and the time appear.
The ***recording stop time*** must be entered.

8 Adjust the hours and the minutes by using ▲▼ and ◀◀ ▶▶.

9 Press REC TIMER to confirm the settings and to leave the timer setting mode.
→ The timer is activated and TIMER lights up on the display.

Setting the timer for playback

1 Press CLOCK·TIMER to enter the clock/timer mode.
→ The clock/timer display appears.

2 Press PLAY TIMER to enter the timer setting mode.
→ The function indicator PLAY TIMER starts flashing and the last selected timer sound source appears.

3 Press ▲ or ▼ until the desired sound source is indicated.

4 Confirm your selection by pressing PLAY TIMER.
→ If you have selected TUNER, press ▲ or ▼ to select the desired preset station.
→ If you have selected CD, insert a CD and press ▲ or ▼ to select the desired CD.
→ If you have selected TAPE, insert a tape into the cassette compartment.

5 Confirm your selection by pressing PLAY TIMER.
→ The message ON and the time appear.
The ***start time*** must be entered.

6 Adjust the hours and the minutes by using ▲▼ and ◀◀ ▶▶.

7 Press PLAY TIMER to confirm the settings and to leave the timer setting mode.
→ The timer is activated and TIMER lights up on the display.

At the preset starting time ...

→ The power is turned on or, if another sound source is selected, the set switches to the preset source.
The preset source comes on automatically.

→ 15 minutes after playback of the CD or the tape has finished, the system switches to standby.
If the timer is activated with the TUNER mode, the sound remains on until you switch off the system.

Notes:
- If the set was activated from standby mode and no button is pressed for more than 40 minutes, the power is turned off again.

- If there is the same start time for REC TIMER and PLAY TIMER, the REC TIMER will be activated.

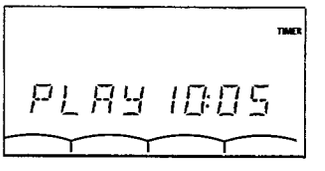
- If you are recording at the time the timer is activated, the timer function will be cancelled.

Reactivating/deactivating the timer

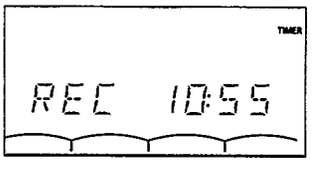
1 Press CLOCK·TIMER to enter the clock/timer mode.
→ The clock/timer display appears.

2 To switch off or to reactivate a timer function, press TIMER several times until the required indication appears:

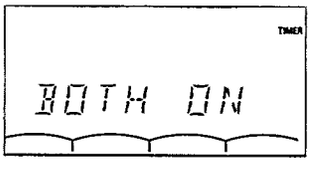
→ PLAY (playback) and the programmed start time for activating the PLAY TIMER.



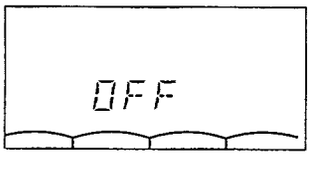
→ REC (recording) and the programmed start time for activating the REC TIMER.



→ BOTH ON - both PLAY TIMER and REC TIMER are activated.

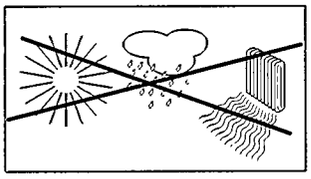


→ OFF for switching the timer off.



English

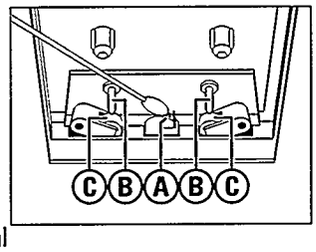
General maintenance



- Do not expose the set, CDs or tapes to humidity or rain, sand or to excessive heat caused by heating equipment or direct sunlight.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated!

- You can clean the set with a soft, slightly dampened chamois leather. Do not use any cleaning agents as they may have a corrosive effect.

TAPE decks



To ensure a good recording and playback quality, clean the head Ⓐ, the capstans Ⓑ and the rubber pressure rollers Ⓒ after approx. 50 hours of operation.

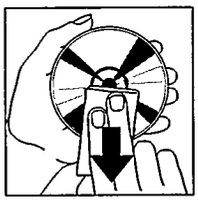
- Use a cotton ball slightly moistened with alcohol or a special head cleaning fluid.

Note: Cleaning of the heads Ⓐ can also be done by playing a cleaning tape through once.

CD player and CD handling

- The lens may cloud over when the set is suddenly moved from cold to warm surroundings. Playing a CD is then not possible. Leave the set in a warm environment until this moisture evaporates.

- To take the CD out of its box easily, press the center spindle while lifting the CD.
- Always pick up the CD by the edge and put it back in its box after use.



- To clean the CD, wipe in a straight line from the center towards the edge using a soft, lint-free cloth. A cleaning agent may damage the CD!
- Never write on a CD or attach any sticker to it.
- This set is designed for normal CDs. Therefore, do not use any accessories like CD stabilizer rings or CD treatment sheets, etc. as offered on the market because it may cause a jamming of the CD changer mechanism.

Technical data *(subject to modification)*

AMPLIFIER

Output power: 2x 30 W RMS/6 Ω/THD 10%
Power bandwidth: 40 - 20000 Hz
Frequency response: 40 - 20000 Hz
Signal-to-noise ratio: ≥ 67 dBA (IEC)
Impedance speakers: ≥ 6 Ω
Impedance headphones: 32 Ω - 1000 Ω (3 Vemk - 150 Ω)

TUNER

FM wave range: 87.5 - 108 MHz
AM wave range: 530 - 1700 kHz
Sensitivity at 75 Ω - mono, 26 dB signal-to-noise ratio: 2.8 µV
- stereo, 46 dB, signal-to-noise ratio: 61.4 µV
Selectivity: ≥ 28 dB
Total harmonic distortion: ≤ 5%
Frequency response: 63 - 12500 Hz (± 3 dB)
Signal-to-noise ratio: ≥ 50 dBA

CD PLAYER

Frequency range: 20 - 20000 Hz
Signal-to-noise ratio: 90 dBA
Channel separation 60 dBA
Total harmonic distortion: ≥ 75 dB
Conversion: Continuous Calibration
4x oversampling

TAPE DECKS

Frequency response: - CrO2 tape (type II): 60-14000 Hz (8 dB)
- Normal tape (type I): 60-14000 Hz (8 dB)
Signal-to-noise ratio (without Dolby NR):
- CrO2 tape (type II)
- Normal tape (type I): 47 dB
Signal-to-noise ratio (with Dolby NR):
- CrO2 tape (type II)
- Normal tape (type I): 55 dB
Wow and flutter: ≤ 0.4% DIN

SPEAKERS

System 3-way double bass reflex
Impedance 6 Ohms
Bass speaker 5 1/4 inch woofer
Mid/treble speaker: 2 1/2 inch tweeter
Upper treble piezo tweeter
Dimensions (wxhxd): 210 x 310 x 251 mm

General

Dimensions (wxhxd): 240 x 310 x 310 mm
Weight (with/without speakers): approx. 14/7 kg

- If a fault occurs, first check the points listed below before taking the set for repair.
- If you are unable to remedy a problem by following these hints, consult your dealer or service center.

WARNING:

Under no circumstances should you try to repair the set yourself, as this will invalidate the guarantee.

PROBLEM	POSSIBLE CAUSE	REMEDY
No power	Power lead is not securely connected.	Connect the power lead properly.
No or poor sound	VOLUME is not turned up.	Turn up the VOLUME.
	Speakers are not at all or wrong connected.	Check the speaker connections.
	Unsuited speakers are used.	Use recommended speakers, impedance 6 Ohms.
	Badly matching equalizer setting for the given type of music.	Choose a matching equalizer setting for the given type of music.
	Headphones are connected wrong.	Disconnect the headphones.
Reversed left and right sound	Speakers are connected.	Connect the speaker cables correctly.
System does not react to operation of any button	Electrostatic discharge.	Disconnect the set from power supply and reconnect it after a few seconds.
Poor radio reception	FM antenna is not connected.	Connect the FM antenna.
	Interference caused by the vicinity of electrical equipment like TVs, video recorders, computers, etc.	Keep the set away from electrical equipment.
The CD skips tracks	CD is damaged or dirty.	Replace or clean the CD.
Poor tape sound quality	Dust and dirt on the heads, capstan or pressure roller.	Clean the heads, capstan and pressure roller, see maintenance.
Remote control does not work	The distance to the system is too large.	Reduce the distance.
	Wrong sound source is selected.	Select the sound source before pressing the functional button.
	Batteries are incorrectly inserted.	Insert the batteries correctly.
	Batteries are exhausted.	Replace the batteries.

DISPLAY INDICATION	POSSIBLE CAUSE	REMEDY
NO DISC *or* CANNOT READ	CD is badly scratched or dirty.	Replace or clean the CD, see maintenance.
	No CD inserted.	Insert a CD.
	CD inserted upside down.	Insert a CD with label upwards.
	Laser lens is steamed up.	Wait until the lens has acclimated.
WRONG TRACK	The selected track number does not exist on this CD or is not included in this program.	Select a correct track number.
NO TAPE	No tape inserted.	Insert a tape.
TAPE PROTECTED	Tape is protected against recording.	Replace the tape or undo the protection.
RECORDING ACTIVE	A recording is active.	Stop the recording or wait until it is finished.
EDIT NOT POSSIBLE	The EDIT CD feature can only be used for CDs with a maximum of 30 tracks.	Use another CD with less than 30 tracks or create a program with less than 30 tracks.

LIMITED WARRANTY

AUDIO SYSTEM

One Year Free Labor
One Year Free Service on Parts
This product must be carried in for repair.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For one year thereafter,* all parts will be repaired or replaced, and labor is free. *After one year from the day of purchase,* you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Take the product to a Philips factory service center (see enclosed list) or authorized service center for repair. When the product has been repaired, you must pick up the unit at the center. Centers may keep defective parts.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Take the product to a Philips consumer service center (listed below), self-servicing dealer or authorized service depot.

Philips Electronics Ltd.
601 Milner Avenue, Scarborough, Ontario, M1B 1M8
(416) 292-5161
4977 Levy Street, St. Laurent, (Montréal), Québec, H4R 2N9
(514) 956-0120
3695 Grandview Highway, Vancouver, B.C., V5M 2G7
(604) 435-4411

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

Philips Service Company 401 East Andrew Johnson Highway Jefferson City, Tennessee 37760
(615) 475-8869

EL4965E001 / MAC 4110 / 12-94

GARANTIE LIMITÉE

SYSTÈME SONORE

Main d'œuvre gratuite pendant un an
Pièces garanties pendant un an
Il faut porter ce produit à un centre de service pour réparations

QUI EST COUVERT ?

Il faudra présenter une preuve d'achat pour pouvoir bénéficier des services de la garantie. Le reçu, la facture ou un autre document portant la date d'achat et qui prouve que vous avez bien acheté le produit est considéré comme preuve d'achat.

QU'EST-CE QUI EST COUVERT ?

La couverture de la garantie entre en vigueur le jour où vous achetez le produit. *Pendant un an à compter de cette date,* toute pièce sera réparée ou remplacée gratuitement et la main d'œuvre sera sans frais. *Après cette période d'un an,* les frais de remplacement ou de réparation des pièces, ainsi que la main d'œuvre, seront facturés au consommateur.

Toute pièce, y compris une pièce réparée ou remplacée, est couverte seulement pendant la période de garantie d'origine. Lorsque la garantie du produit arrive à terme fin, la garantie de toute pièce remplacée ou réparée est terminée aussi.

QU'EST-CE QUI EST EXCLU DE LA GARANTIE ?

La garantie ne couvre pas:

- les frais de main d'œuvre pour installer ou préparer, pour régler les commandes et pour installer ou réparer les systèmes d'antenne à l'extérieur du produit.
- la réparation du produit et/ou d'une pièce pour cause du mauvais emploi, d'accident, de réparations non-agréées ou d'une autre raison qui ne peut pas être contrôlée par Philips Consumer Electronics Company.
- des problèmes de réception dûs à des conditions de signal, au câble ou aux systèmes d'antenne à l'extérieur de l'unité.
- un produit qui nécessite des modifications ou adaptations pour lui permettre de fonctionner dans un pays autre que le pays pour lequel il a été conçu, fabriqué, agréé et/ou autorisé, ou la réparation de produits endommagés par de telles modifications.
- des dommages indirects ou conséquents qui résultent du produit. (Certains états ou provinces ne permettent pas l'exclusion de dommages indirects ou conséquents. Il est donc possible que l'exclusion ci-dessus ne s'applique pas au cas présent. Cela comprend, mais de façon non-limitative, enregistrements, qu'ils soient protégés ou non par les lois sur les droits d'auteur).

OÙ LE SERVICE EST-IL PROPOSÉ ?

Le service de garantie est disponible dans tout pays où le produit est distribué officiellement par Philips Consumer Electronics Company. Dans des pays où Philips Consumer Electronics Company ne distribue pas le produit, l'organisme local de service Philips tentera de fournir le service (mais il pourra y avoir des retards si la bonne pièce ou les manuels techniques ne sont pas facilement disponibles).

NE PAS OUBLIER DE GARDER...

Veuillez garder le reçu, la facture ou tout autre document qui prouve l'achat. L'attacher à ce manuel d'emploi et les garder tous les deux à portée de main. Garder aussi le carton et l'emballage d'origine pour le cas où il faudra renvoyer le produit.

AVANT DE FAIRE APPEL AU TECHNICIEN...

Veuillez consulter le manuel d'instructions avant de faire appel à un technicien. Un petit réglage d'une des commandes expliqué dans le manuel d'instructions pourrait éviter de faire appel à un technicien.

POUR BÉNÉFICIER DU SERVICE DE GARANTIE AUX É.-U., AU PUERTO RICO OU DANS LES ÎLES VIERGES AMÉRICAINES...

Porter le produit à un centre de service Philips (voir liste ci-jointe) ou bien à un centre de service agréé pour les réparations. Lorsque le produit aura été réparé, il faudra aller le chercher au centre. Les centres ont le droit de garder les pièces défectueuses.

(Aux É.-U., au Puerto Rico et aux Îles Vierges, toute garantie implicite, y compris des garanties de vendabilité et d'aptitude à un but spécifique, est limitée à la durée de cette garantie explicite. Mais, étant donné que certains états et provinces ne permettent pas de limité la durée d'une garantie implicite, cette limitation pourrait ne pas s'appliquer au cas présent.)

POUR BÉNÉFICIER DU SERVICE DE GARANTIE AU CANADA...

Porter le produit à un centre de service aux consommateurs Philips (adresses ci-dessous), à un vendeur fournissant lui-même le service après vente ou bien à un dépôt de service agréé.

Philips Electronics Ltd.
601 Milner Avenue, Scarborough, Ontario, M1B 1M8
(416) 292-5161
4977 Levy Street, St. Laurent, (Montréal), Québec, H4R 2N9
(514) 956-0120
3695 Grandview Highway, Vancouver, B.C., V5M 2G7
(604) 435-4411

(Au Canada, cette garantie est consentie à la place de toute autre garantie. Aucune autre garantie, qu'elle soit explicite ou implicite, n'est donnée, y compris la garantie implicite de vendabilité ou d'aptitude à un but spécifique. Philips n'est en aucun cas responsable des dommages, qu'ils soit directs ou indirects, spéciaux, secondaires ou conséquents, quelles que soient leurs origines, même en présence d'une mise en garde contre de tels dommages.)

RAPPEL IMPORTANT

Veuillez inscrire ci-dessous les numéros de modèle et de série qui se trouvent sur le produit même. De plus, veuillez remplir et renvoyer sans délai la carte d'enregistrement de garantie. Il nous sera ainsi plus facile de vous contacter en cas de besoin.

N° DE MODÈLE _____

N° DE SÉRIE _____

Cette garantie vous donne des droits légaux spécifiques et vous pourriez avoir d'autres droits qui varient d'état en état et de province en province.

Philips Service Company 401 East Andrew Johnson Highway Jefferson City, Tennessee 37760 É.-U.
(615) 475-8869

EL4965F001 / MAC 4110 / 12-94

GARANTIA LIMITADA

SISTEMA DE AUDIO

Mano de obra gratis por un año
Servicio gratis por un año para piezas
Para reparaciones, hay que presentarse en persona con este producto.

¿QUIEN TIENE PROTECCION?

Usted debe tener su comprobante de venta para recibir servicio bajo la garantía. Una nota de venta u otro documento mostrando que usted compró el producto se considera un comprobante de venta.

¿QUE CUBRE?

La protección bajo la garantía comienza el mismo día en que usted compra el producto. *Durante un año a partir de esta fecha,* todas las piezas serán reparadas o reemplazadas gratis y no se cobrará mano de obra. *Después de este plazo de un año,* usted tendrá que pagar el costo del reemplazo o reparación de las piezas y también toda mano de obra.

Todas las piezas, inclusive las piezas reparadas y de repuesto, tienen cobertura sólo durante el período de la garantía original. Una vez que venza la garantía del producto, la garantía de cualquier pieza reemplazada o reparada también habrá vencido.

¿QUE EXCLUYE LA GARANTIA?

Su garantía no cubre:

- cobros por mano de obra durante la instalación o montaje del producto, ajuste de los controles del cliente o de preferencia e instalación o reparación de los sistemas con antena fuera de la unidad.
- reparación del producto y/o reemplazo de piezas, a raíz de uso indebido, accidente, reparación no autorizada u otra causa no bajo el control de Philips Consumer Electronics Company.
- problemas de recepción ocasionados por condiciones de señales o sistemas de cable o de antena fuera de la unidad.
- un producto que requiera modificación o adaptación para que opere en un país que no sea el país para el que fue concebido, fabricado, aprobado y/o autorizado, o la reparación de productos dañados por tales modificaciones.
- daños incidentales o consecuentes que resulten del producto. (Algunos estados no permiten la exclusión por daños incidentales o consecuentes, de modo que es posible que la exclusión arriba indicada no le sea aplicable a usted. Esto incluye, sin limitarse, materiales pregrabados con o sin amparo de derechos de autor.)

¿DONDE SE OBTIENE SERVICIO?

El servicio de garantía está disponible en todos los países con distribución oficial del producto por Philips Consumer Electronics Company. En países donde Philips Consumer Electronics Company no distribuye el producto, la entidad local de servicio Philips tratará de brindar servicio (aunque puede haber demora si las piezas de repuesto o manuales técnicos correspondientes no están fácilmente disponibles.

NO SE OLVIDE DE GUARDAR...

Favor de guardar su nota de venta y otros materiales para comprobar la compra del producto. Adjúntelos a este manual de instrucciones y reténgalo a la mano. Favor de retener también la caja y material de empaque originales en caso de tener que devolver el producto.

ANTES DE LLAMAR PARA OBTENER SERVICIO...

Sírvase chequear su manual de instrucciones. Algunos ajustes de los controles según las indicaciones en el manual podrían ahorrarle una llamada para servicio.

PARA SERVICIO DE GARANTIA EN LOS EE.UU., PUERTO RICO O LAS ISLAS VIRGENES...

Lleve el producto a un centro de servicio Philips (ver lista adjunta) o a un centro de servicio autorizado para reparaciones. Una vez terminada la reparación del producto, usted debe recogerlo del centro. Los centros tienen derecho a guardar toda pieza defectuosa.

(En los EE.UU., Puerto Rico o las Islas Vírgenes, toda garantía implícita, inclusive las garantías implícitas de comerciabilidad y aptitud para un propósito en particular, están limitadas en cuanto a duración al plazo de esta garantía expresa. Puesto que algunos estados no permiten limitaciones sobre la duración de una garantía implícita, es posible que la limitación arriba indicada no le sea aplicable a usted.)

PARA SERVICIO DE GARANTIA EN EL CANADA...

Lleve el producto a un centro de servicio Philips (ver lista a continuación), un distribuidor Philips que brinda servicio o centro de servicio autorizado.

Philips Electronics Ltd.
601 Milner Avenue, Scarborough, Ontario, M1B 1M8
(416) 292-5161
4977 Levy Street, St. Laurent, (Montréal), Québec, H4R 2N9
(514) 956-0120
3695 Grandview Highway, Vancouver, B.C., V5M 2G7
(604) 435-4411

(En el Canadá, esta garantía es otorgada en lugar de toda otra garantía. No se otorga ninguna otra garantía expresa ni implícita, comprendiéndose aquí ninguna garantía implícita de comerciabilidad o aptitud para propósito alguno. Philips no será responsable bajo circunstancia alguna por daños y perjuicios directos, indirectos, especiales, incidentales o consecuentes, independientemente de la manera ocasionada, aún con notificación de la posibilidad de los mismos.)

RECUERDE...

Favor de anotar los números de modelo y serie del producto en el espacio abajo. También, sírvase llenar y enviar oportunamente su tarjeta de registro de la garantía. Así nos será más fácil notificarle en caso de ser necesario.

Modelo No. _____

Serie No. _____

Esta garantía le otorga derechos legales específicos y usted podría gozar de otros derechos que varían de un estado a otro.

Philips Service Company 401 East Andrew Johnson Highway Jefferson City, Tennessee 37760 USA
(615) 475-8869

EL4965S001 / MAC 4110 / 12-94

English

English.....2/19

Français

Français 20/37

Español

Español.....38/55

PHILIPS CONSUMER ELECTRONICS COMPANY
A Division of Philips Electronics North America Corporation
Knoxville, Tennessee 37914-1810, U.S.A.

3103 306 1476.1 printed in Singapore BB9518